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## PHOTOGRAPHIC INTERPRETATION REPORT



# VITAL RECORDS COPY KH-4 MISSION 1040-2

4-8 APRIL 1967

PART II

TCS-80221/67

APRIL 1967

COPY 195

20 PAGES

handle via **TALENT-KEYHOLE** control only

Declass Review by NIMA/DOD

GROUP 1 EXCLUDED FROM  
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**WARNING**

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**TARGET CATEGORIES**

1. GUIDED MISSILES \*
  - A. ICBM Deployment
  - B. IRBM and MRBM (including search areas)
  - C. Research and Development (including space)
  - D. Production Facilities (including test)
  - E. Suspect Missile (Search area or undetermined activity)
  - F.
  - G. Naval Launched Missiles
  - H. Anti-Missile Missile
  - I. SAM Sites
  - J. Short Range Surface-to-surface Missiles
  - K. Missile support/storage areas
  - L. SAM Training Complexes
2. AIRCRAFT
  - A. Long Range Bases
  - B. Production Facilities (including R and D)
  - C. Airfields
3. NUCLEAR ENERGY
  - A. Test Area
  - B. Production
  - C. Stockpiles
  - D. Research Institutes
  - E. Suspect Activity
4. NAVAL ACTIVITY
  - A. Operating Bases
  - B. Production Yards
  - C. Commercial Ports
  - D. Locks and Canals
5. BIOLOGICAL/CHEMICAL WARFARE
  - A. BW/CW Test Areas (including test)
  - B. Production
  - C. Storage
  - D. Research Institutes
  - E. Suspect Activity
6. ELECTRONICS
  - A. Missile Tracking Facilities
  - B. Electronics (general)
7. MILITARY
  - A. Military Installations
  - B. Special Area
  - C.
  - D. Landing Beaches
8. URBAN/INDUSTRIAL
  - A. Complexes
  - B. Industrial Plants
  - C. Geodetic Control Points
9. OTHER
  - A. Unidentified Installations

\* Digits in these numbers indicate specific target complexes. A suffix identifies individual components within the complex.

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PREFACE

THIS IS THE SECOND AND FINAL OAK REPORT ON MISSION 1040-2 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVER-HEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. A LISTING OF COMOR TARGET CATEGORIES APPEARS ON THE INSIDE OF THE FRONT COVER.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES. AN ALPHABETIC LISTING OF COUNTRY CODES APPEARS ON THE INSIDE OF THE BACK COVER.

SELECTED PHOTOGRAPHIC REFERENCES FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH), D FOR DESCENDING (NORTH-TO-SOUTH) OR M FOR A MIXED ASCENDING AND DESCENDING PASS. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME NUMBER TO WHICH THEY APPLY. THIS GRID IS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMITDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), NS (NON-STEREO), OR PS (PARTIAL STEREO).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

## **Highlights**

HIGHLIGHTS

1. A TOTAL OF 7 SINGLE SILO SITES WERE NEWLY IDENTIFIED ON MISSION 1040-2. THIS INCLUDES 4 CONFIRMED TYPE IIID SITES AT SVOBODNYY, 2 PROBABLE IIID SITES AT KOSTROMA, AND 1 POSSIBLE TYPE IIIC SITE AT ZHANGHIZ-TOBE. THE CURRENT COUNT OF ICBM LAUNCHERS AT DEPLOYED COMPLEXES (THE FIGURE SHOWN IN PARENTHESIS INDICATES THE NUMBER OF POSSIBLE LAUNCHERS AND IS NOT INCLUDED IN TOTALS) IS AS FOLLOWS --

TYPE IIIC	176 (2)
TYPE IIID	462 (7)
SUBTOTAL	638 (9)
OTHER LAUNCHERS	228
TOTAL	866 (9)

2. AT THE TYURATAM MISSILE TEST CENTER, THE CONSTRUCTION OF SILO HEADWORKS HAS BEGUN AT THE SITES IN LAUNCH GROUP M AND AT SITE 17. A NEARLY SQUARE SILO STRUCTURE IS IDENTIFIED IN THE EXCAVATION AT SITE M1 AND SIMILAR STRUCTURES ARE POSSIBLY UNDER CONSTRUCTION AT SITES M2 AND M3. AT SITE 17, A NEARLY SQUARE SILO STRUCTURE IS UNDER CONSTRUCTION IN THE SOUTHERNMOST SILO EXCAVATION AND POSSIBLE SILO LINERS ARE LOCATED JUST NORTH OF THE SOUTHERN AND CENTRAL SILO EXCAVATIONS. ADDITIONAL DETAILS WILL BE REPORTED IN A FORTHCOMING OAK SUPPLEMENT.

STATUS OF TARGET READOUT

THIS OAK REPORTS ON 34 COMOR TARGETS.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON THIS MISSION AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

TABLE 1 -- SOVIET ICBM DEPLOYMENT  
TABLE 2 -- TYURATAM MISSILE TEST CENTER  
TABLE 3 -- SOVIET MRBM AND IRBM DEPLOYMENT  
TABLE 4 -- SAM AND ABM DEPLOYMENT  
TABLE 5 -- DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES  
TABLE 6 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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TABLE 1. SOVIET ICBM DEPLOYMENT

COMPLEX	TYPE I		TYPE II		TYPE III		TYPE IIIC		TYPE IID		New Positions This Mission	Total Launch Positions	Launch Groups Identified	
	A&B	Sites (Launchers)	A-D	Sites (Launchers)	A&B	Sites (Launchers)	Complete	Sites (Launchers)	Complete	IID	IIIC		IID	L-Electronic Facilities
★ ALEYSK							19	6				19	3	2
DOMBAROVSKIY							37	12				37	6	4
DROVYANAYA	3	6	3	9					50	20		65		5
GLADKAYA	2	4	1	3					57(3#)	45		64(3#)		6
★ IMENI GASTELLO							25	12				25	4	2
★ ITATKA	3	6										6		
KARTALY							29	12				29	5	3
★ KOSTROMA	6	12	1	3					19(1#)			2	34(1#)	2
KOZELSK	3	6	2	6					30			42		3
★ NOVOSIBIRSK	3	6	2	6								12		
OLOVYANNAYA			3	9					81	36		90	8	5
OMSK			1	5								3		
★ PERM	5	10	1	3					41	32		54	4	
PLESETSK*	5	8	4	8	1	3			3(1#)			22(1#)		1
★ SHADRINSK					3	9						9		
★ SVOBODNYY	7	14	1	3					49(1#)			4	66(1#)	5
TATISHCHEVO									112(1#)	46		112(1#)		11(1#)
★ TEYKOVO	6	12										12		
TYUMEN	2	4										4		
UZHUR							42(1#)	18				42(1#)	7	5
★ VERKHNYAYA SALDA	7	14	2	6								20		
★ YEDROVO	6	12	2	6					20			38	2	2
YOSHKAR-OLA	6	12										12		
YURYA	8	16	3	9								25		
★ ZHANGIZ-TOBE							24(1#)	12				(1#)	24(1#)	4
<b>TOTALS</b>	<b>5</b>	<b>8</b>	<b>71</b>	<b>142</b>	<b>26</b>	<b>78</b>	<b>176(2#)</b>	<b>72</b>	<b>462(7#)</b>	<b>179</b>	<b>(1#)</b>	<b>6</b>	<b>866(9#)</b>	<b>29</b>
														47(1#)

★ Covered This Mission

\*Does not include launch positions at sites 11 through 16

(#) Possible — The Possible Sites Are Not Included in the Total Count

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TABLE 2. TYURATAM MISSILE TEST CENTER, USSR

Launcher Designation	A1	A2	A3	B1	B2	C1	C2	C3	D1	D2	E1	E2	E3	F	G1	G1-A	G2	G2-A	G3	G4	G5	G6	Totals						
																							Soft	Hard					
Soft	U/C																								▲	2			
	Comp	(1)	(1)	(1)	(1)	(1)	(1)	(1)			(1)	(1)	(1)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			17			
Hard	U/C																												
	Comp										(3)	(3)			(3)											9			
Launcher Designation	H1	H2	II	I2	I3	I4	I5	I6	I7	J1	J2	K1	K2	K3	L1	L2	L3	L4	L5	L6									
Soft	U/C															(1E)	(1E)									2			
	Comp	(1)	(1)																							2			
Hard	U/C																									6			
	Comp		(1)								(1)	(1)				(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		12				
Launcher Designation	L7	L8	L9	L10	M1	M2	M3	N1	N2	N3																			
Soft	U/C																												
	Comp																												
Hard	U/C																									3			
	Comp	(1)	(1)	(1)	(1)						(1)	(1)	(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)		7				
Launcher Designation																													
New Sites	Soft																												
	Hard																												
E - Early stage	④ Undergoing Modification												○ Covered on this mission by Interpretable Photography												Total	4	19	9	28
M - Mid-stage	▲ Soft Designation Tentative																								Grand Total ..	60	Launchers		

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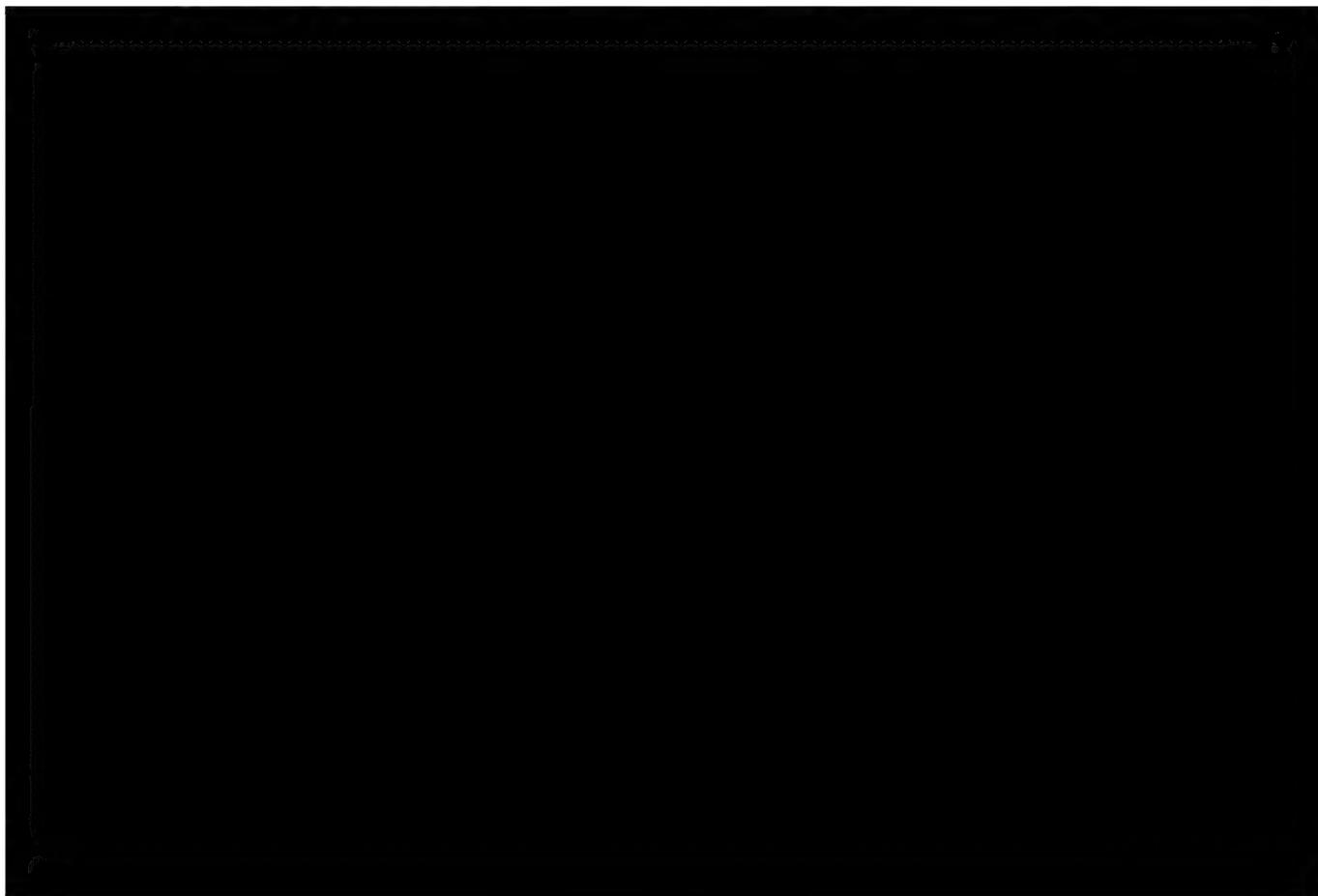
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TABLE 3. SOVIET MRBM AND IRBM DEPLOYMENT

Geographic Area	Soft MRBM Launch Areas	Soft IRBM Launch Areas	Hard MRBM Launch Areas	Hard IRBM Launch Areas	Total Launch Areas	Total Launch Positions
Western	118	9	18	10	155	608
Caucasus	3		2	3	8	29
Central Asia	2	2	1	3	8	29
Far Eastern	9	1		1	11	43
Totals	132	12	21	17	182	709

Totals do not include 100 fixed field-type sites with total of 374 launch positions and one launch facility at Sovetskaya Gavan



25X6

.6

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25X1D

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25X1D

TABLE 5. DEPLOYED PROBABLE LONG RANGE SAM COMPLEXES

Complex	Sites Positions	Tracking/Guidance Facility No of Positions	Associated Air Warning Facility	Complex	Sites Positions	Tracking/Guidance Facility No of Positions	Associated Air Warning Facility
ANGARSK	3	3	✓	MOZHAYSK	3	3	
BABAYEVO	3	3		MURASHI	5	5	
CHERPOVETS	5	5	✓	NIZHNIY TAGIL	3	3	
FEODOSIYA	3	3	✓	NIZHNYAYA TURA	3	3	
KALININ	3	3		PERESLAVL- ZALESSKIV	3	3	✓
KAPUSTIN YAR	2	2		PLESETSK	3	3	
KHABAROVSK	3	3		SARY-SHAGAN 1	3	3	✓
KIMRY	3	3	✓	SARY-SHAGAN 2	2	2	✓
KOSTROMA	3	3		SHARYA	2	2	
KRASNOYARSK	3	3		SVERDLOVSK	3	3	✓
KURESSAARE	3	3		TALLINN	5	5	✓
LENINGRAD NE	5	5		TOMSK	3	3	
LENINGRAD NW	5	5		VOLGOGRAD	3	3	✓
LENINGRAD SW	5	5		TOTALS	28	95	11
LIEPAJA	5	5	✓			57	

\* Covered this mission

\* Probable R&D or training associated

✓ Identified at this complex

# Does not include the Suspect Complex at Vyazemskiy, USSR

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25X1D

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**Missiles**

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25X1A

MISSILES

SVOBODNYY ICBM COMPLEX

UR 5146N 12806E

FOUR TYPE IIID SITES ARE NEWLY IDENTIFIED. SITE 63M IS AT 51-39N 128-22E, SITE 64M IS AT 51-41N 128-19E, SITE 65M IS AT 51-44N 128-14E, AND SITE 66M IS AT 51-37N 128-22E. ALL ARE IN AN EARLY STAGE OF CONSTRUCTION. THEY ARE FIRST SEEN ON THIS MISSION AND CAN BE NEGATED

25X1D



NO OTHER NEW MISSILE FACILITIES OBSERVED IN THE 50-NM SEARCH AREA.

25X1D



KOSTROMA ICBM COMPLEX

UR 5746N 04101E

TWO TYPE IIID PROBABLE LAUNCH SITES, DESIGNATED SITES 30 AND 31, ARE NEWLY IDENTIFIED AT THIS COMPLEX. SITE 30 IS AT 57-49N 041-23E AND SITE 31 IS AT 57-51N 041-30E. BOTH SITES ARE IN AN UNDETERMINED STAGE OF CONSTRUCTION. BOTH SITES CAN BE NEGATED

25X1D



NO OTHER MISSILE ACTIVITY OBSERVED IN THE 50-NM SEARCH AREA.

25X1D



TEYKOVO ICBM COMPLEX

UR 5652N 04034E

NO NEW MISSILE-RELATED FACILITIES OBSERVED IN HAZE-FREE PORTIONS OF THE 50-NM SEARCH AREA.

25X1D



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25X1D



25X1A

YEDROVO ICBM COMPLEX

UR 5751N 03340E

THE EASTERN 80 PERCENT OF THE 50-NM SEARCH AREA IS COVERED. NO NEW MISSILE FACILITIES OBSERVED.

25X1D



IMENI GASTELLO ICBM COMPLEX

UR 5106N 06618E

ALL BUT THE EASTERN 10 PERCENT OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY. THE WESTERN 25 PERCENT IS CLOUD COVERED. NO NEW MISSILE ACTIVITY OBSERVED IN CLEAR PORTIONS OF THE SEARCH AREA.

25X1D



HA NOI SAM SEARCH

VN 2102N 10551E

EIGHTY PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON APPROXIMATELY 70 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

25X1D



VINH SAM SEARCH

VN 1840N 10540E

SIXTY PERCENT OF THE 60-NM SEARCH AREA IS COVERED ON APPROXIMATELY 70 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

25X1D



CAO BANG SAM SEARCH AREA

VN 2240N 10615E

THE ENTIRE 50-NM SEARCH AREA IS COVERED ON 90 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO SAM INSTALLATIONS ARE IDENTIFIED.

25X1D



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25X1A

DONG HOI SAM SEARCH AREA

VN 1728N 10637E

THE ENTIRE 60-NM SEARCH AREA IS COVERED ON 50 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM INSTALLATIONS ARE IDENTIFIED.

25X1D



PAO-TOU SAM SEARCH AREA

CH 4039N 10958E

THE ENTIRE 50-NM SEARCH AREA IS COVERED ON 5 PERCENT CLOUD-COVERED PHOTOGRAPHY. NO NEW SAM ACTIVITY OBSERVED IN CLOUD-FREE AREAS. THE KNOWN SAM SITE, A05-2, IS OCCUPIED.

25X1D



CHELYABINSK ABM/PROB LR SAM SEARCH AREA UR 5510N 06125E

THE ENTIRE SEARCH AREA IS COVERED ON TWO PASSES OF PHOTOGRAPHY WITH SOME SCATTERED CLOUD COVER. NO ABM OR PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1D



ZALARI SUSPECT ICBM COMPLEX

UR 5326N 10237E

THE FACILITY IS EXPANDING AT THE RAILHEAD AND TO THE SOUTH ALONG THE SPUR TO THE HOUSING AREA. THREE LARGE LIQUID STORAGE TANKS HAVE BEEN CONSTRUCTED ALONG WITH A NUMBER OF BUILDINGS. TWO MORE RAIL SIDINGS HAVE BEEN ADDED TO THE RAILHEAD FACILITY. SEVERAL CONNECTING ROADS IN THE AREA HAVE BEEN CONSTRUCTED LINKING THE BUILT-UP SECTIONS TOGETHER. THE FUNCTION OF THIS FACILITY IS YET TO BE DETERMINED.

25X1D



KHARKOV ABM SEARCH

UR 4959N 03614E

THE EASTERN ONE-THIRD OF THE 50-NM SEARCH AREA IS COVERED ON PHOTOGRAPHY WITH HAZE AND HEAVY CLOUDS. NO MOSCOW-TYPE ABM FACILITIES ARE IDENTIFIED IN CLOUD-FREE AREAS.

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25X1D



25X1A

DONETSK ABM SEARCH

UR 4800N 03747E

THE SEARCH AREA IS COVERED ON TWO PASSES OF PHOTOGRAPHY  
WITH APPROXIMATELY 90 PERCENT CLOUD COVER. NO  
MOSCOW-TYPE ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



SVERDLOVSK ABM SEARCH

UR 5650N 06030E

THE ENTIRE SEARCH AREA IS COVERED ON CLOUD-FREE  
PHOTOGRAPHY. NO MOSCOW-TYPE ABM ACTIVITY OBSERVED.

25X1D



ROSTOV ABM/PROB LONG RANGE SAM SEARCH

UR 4714N 03942E

APPROXIMATELY 60 PERCENT OF THE 50-NM SEARCH AREA IS  
COVERED ON TWO PASSES OF PHOTOGRAPHY WITH SCATTERED  
CLOUD COVER. NO ABM OR PROBABLE LONG RANGE SAM  
COMPLEXES OBSERVED IN CLOUD-FREE AREAS.

25X1D



KALININGRAD ABM/PROB LONG RANGE SAM SEARCH UR 5445N 02030E

THE SEARCH AREA IS COVERED BY HEAVY CLOUDS. NO ABM OR  
PROBABLE LONG RANGE SAM COMPLEXES IDENTIFIED IN  
CLOUD-FREE AREAS.

25X1D



MURMANSK ABM/PROB LONG RANGE SAM SEARCH UR 6858N 03305E

THE SEARCH AREA IS COVERED ON THREE PASSES OF  
PHOTOGRAPHY WITH APPROXIMATELY 80 PERCENT CLOUD COVER.  
NO ABM OR PROBABLE LONG RANGE SAM LAUNCH COMPLEXES  
IDENTIFIED IN CLOUD-FREE PORTIONS.

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25X1D



25X1A

MOSKVA ABM SEARCH AREA

UR 5545N 03737E

THE SEARCH AREA IS COVERED ON THREE PASSES OF PHOTOGRAPHY WITH CLOUD COVER RANGING FROM SCATTERED TO HEAVY. NO NEW SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS, ELECTRONIC [REDACTED] FACILITIES POSSIBLY RELATED TO ADDITIONAL ABM DEPLOYMENT OBSERVED IN CLOUD-FREE AREAS.

25X9  
25X9

25X1D

MOSKVA ABM LAUNCH COMPLEX E05

UR 5614N 03835E

NO CHANGE IS OBSERVED ON THE PRINCIPAL BUILDINGS IN TRIAD 1. ACTIVITY IS APPARENT AT SEVERAL OF THE LAUNCH POSITIONS, BUT THE PRESENCE OF LAUNCHER/ERECTOR MECHANISMS IS NOT DISCERNIBLE. IN TRIAD 2, BOTH THE 60-FT SOLID PARABOLIC DISH AND THE CAPPING SECTION FOR THE RADOME STILL APPEAR TO BE ON THE GROUND ADJACENT TO BUILDING A. NO CHANGE IS OBSERVED ON THE PREVIOUSLY COMPLETED RADOMES OF BUILDINGS B AND C. ACTIVITY IS APPARENT AT SEVERAL LAUNCH POSITIONS, BUT THE PRESENCE OF LAUNCHER/ERECTOR MECHANISMS IS NOT DISCERNIBLE.

IN THE SUPPORT AREA, 8 MULTISTORY APARTMENT-TYPE BUILDINGS HAVE BEEN COMPLETED, 2 APPEAR NEARLY COMPLETE, AND 2 MORE ARE UNDER CONSTRUCTION, MAKING A TOTAL OF 12 BUILDINGS OF THIS TYPE. NO MISSILES CAN BE IDENTIFIED IN THE COMPLEX.

25X1D

MOSKVA ABM LAUNCH COMPLEX E33

UR 5620N 03648E

NO SIGNIFICANT CHANGE OR CONSTRUCTION PROGRESS IS DISCERNIBLE AT THE COMPLEX [REDACTED] NO MISSILES CAN BE IDENTIFIED IN THE COMPLEX.

25X1D

25X1D



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25X1A

MOSKVA ABM LAUNCH COMPLEX E03

UR 5622N 03811E

AT TRIAD 1, THE SUPERSTRUCTURES FOR BUILDINGS A AND C APPEAR TO BE IN A MID-STAGE OF CONSTRUCTION. HOWEVER, BUILDING B DOES NOT APPEAR TO HAVE PROGRESSED ABOVE THE FOUNDATION STAGE. AT TRIAD 2, CONSTRUCTION HAS NOT BEEN STARTED ON ANY OF THE PRINCIPAL BUILDINGS, ALTHOUGH THERE IS SOME ACTIVITY AT THE LOCATION WHERE BUILDING A WILL BE CONSTRUCTED.

NO MISSILES OR MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED WITHIN THE COMPLEX.

25X1D



BRATSK SUSPECT ABM AREA

UR 5654N 10030E

THE WESTERN 40 PERCENT OF THE SEARCH AREA IS COVERED ON PHOTOGRAPHY. NO ABM FACILITIES OR PROBABLE LONG RANGE SAM COMPLEXES OBSERVED.

25X1D



NIZHNIY TAGIL PROB LONG RANGE SAM LCH CPLX UR 5805N 06053E

25X1D  
25X1D

NO SIGNIFICANT CHANGE IS DISCERNIBLE IN THE CONSTRUCTION STATUS OF FACILITIES AT THE COMPLEX. [REDACTED] LAUNCH SITE CONSTRUCTION IS IN A MID-TO-LATE STAGE. REVETMENT WALLS FOR THE LAUNCH SITE CONTROL CENTERS ARE INCOMPLETE. A POSSIBLE NEW BUILDING IN AN EARLY STAGE OF CONSTRUCTION IS ALONG THE ROAD AT THE CENTER OF THE MISSILE HANDLING AREA.

NO MISSILES OR MISSILE-RELATED EQUIPMENT DISCERNIBLE AT THE COMPLEX.

25X1D



SEVERDLOVSK PROB LONG RANGE SAM LCH CPLX UR 5704N 06101E

THE COMPLEX IS IN A MID-TO-LATE STAGE OF CONSTRUCTION. AT LAUNCH POSITION A6, A PROBABLE CANVAS-COVERED ENVIRONMENTAL SHELTER COVERS THE LAUNCH POINT AND SMALLER SHELTERS COVER EACH END OF THE TRACKS WHERE MISSILE DOLLIES ARE NORMALLY POSITIONED. TWO UNIDENTIFIED PROBABLY CANVAS-COVERED OBJECTS ARE

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LOCATED ON POSITION A4 SERVICE ROAD. A POSSIBLE EARTHEN WALL IS BETWEEN THE LAUNCH POSITIONS AND THE SITE SERVICE ROAD AT POSITIONS A1 AND A5. TRACK BEDS ARE DISCERNIBLE AT B3. NO CHANGE IS OBSERVED AT THE TRACKING/GUIDANCE FACILITY OR THE SUPPORT AREA. THE MISSILE HANDLING AREA IS NOT DISCERNIBLE.

AN AIR WARNING FACILITY IS UNDER CONSTRUCTION 3.5 NM SSE OF THE LAUNCH COMPLEX AT 57-02N 061-02E. THE FACILITY CONSISTS OF 4 RADAR POSITIONS, 2 OF WHICH APPEAR MOUNDED. THE FACILITY WAS NOT PRESENT ON [REDACTED] ALTHOUGH GROUND LEVELING MAY HAVE BEEN IN PROGRESS. INITIAL STAGES OF CONSTRUCTION WERE DISCERNIBLE [REDACTED]

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D

25X1D

25X1D

25X1A

KIMRY PROB LONG RANGE SAM LCH CPLX

UR 5646N 03720E

THE AIR WARNING SITE 5 NM NNE OF THE COMPLEX IS UNOCCUPIED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

KALININ PROB LONG RANGE SAM LCH CPLX

UR 5637N 03552E

[REDACTED] A DOUBLE SECURITY FENCE HAS BEEN CONSTRUCTED AROUND THE LAUNCH COMPLEX AND EXTENSIVE TREE CLEARING HAS BEEN ACCOMPLISHED NORTH OF THE LAUNCH AREA. THE MISSILE HANDLING AREA ALSO HAS BEEN CLEARED BETWEEN THE NEW BUILDINGS AND THE LAUNCH SITE SERVICE ROAD. A PATH HAS BEEN CLEARED IN THE TREES BETWEEN LAUNCH POSITION A-4 AND THE TRACKING/GUIDANCE FACILITY. AT LEAST 2 ADDITIONAL BUILDINGS HAVE BEEN CONSTRUCTED IN THE SUPPORT AREA. CONSTRUCTION CONTINUES AT THE TRACKING/GUIDANCE FACILITY. ALL 3 LAUNCH SITES ARE IN MID-TO-LATE STAGES OF CONSTRUCTION. PREPARATIONS FOR MISSILE DOLLY TRACKS ARE OBSERVED AT LAUNCH POSITION B-6. AT LAUNCH SITE C, 5 VEHICLES/PIECES OF EQUIPMENT ARE PARKED ALONG THE

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SITE SERVICE ROAD AT LAUNCH POSITION 6. NO MISSILES  
ARE IDENTIFIED.

25X1D

25X1A

PERESLAVL-ZALESSKIY PROB LR SAM LCH CPLX UR 5645N 03838E

NO SIGNIFICANT CHANGES OR ADDITIONS [REDACTED]  
[REDACTED] ARE OBSERVED AT THE COMPLEX. THE LAUNCH  
POSITIONS OF SITES A AND C ARE PROBABLY OCCUPIED.  
CONSTRUCTION STATUS OF LAUNCH SITE B IS UNDETERMINED.  
TWO OF THE RADAR POSITIONS AT THE TRACKING/GUIDANCE  
FACILITY ARE OCCUPIED, THE THIRD CANNOT BE DETERMINED.

25X1D

VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN AN AREA WEST  
OF LAUNCH SITE A AS REPORTED [REDACTED]

NO MISSILES ARE IDENTIFIABLE AT THE COMPLEX.

THE 4 RADAR MOUNDS AND THE REVETTED CENTRAL POSITION  
ARE OCCUPIED AT THE AIR WARNING RADAR FACILITY LOCATED  
APPROXIMATELY 3 NM SE OF THE LAUNCH COMPLEX.

25X1D

MOZHAYSK PROB LONG RANGE SAM LAUNCH CPLX UR 5538N 03548E

A SEGMENT OF LAUNCH SITE A IS THE ONLY AREA OF THE  
COMPLEX OBSERVED THROUGH HEAVY CLOUDS. NO MISSILES OR  
MISSILE-RELATED EQUIPMENT CAN BE IDENTIFIED.

25X1D

TOMSK PROB LONG RANGE SAM LAUNCH COMPLEX UR 5636N 08433E

NO ADDITIONAL ACTIVITY HAS OCCURRED AT LAUNCH SITE A  
[REDACTED] LAUNCH POSITIONS 1, 2, AND  
3 AT SITE B ARE NOW SERVICED BY A LOOP ROAD AND  
PREPARATIONS FOR MISSILE DOLLY TRACKS ARE OBSERVED AT  
THESE POSITIONS. UNIDENTIFIED CONSTRUCTION ACTIVITY IS  
NOTED SOUTH OF THIS SITE AND A ROAD HAS BEEN  
CONSTRUCTED TO IT. INITIAL PREPARATIONS ARE UNDERWAY  
AT SITE C FOR CONSTRUCTION OF POSITIONS 1, 2, AND 3 AND  
THE CENTRAL CONTROL REVETMENT. THE TRACKING/GUIDANCE  
FACILITY NOW CONSISTS OF AN EXCAVATION IN THE CENTRAL  
CONTROL AREA AND 3 RADAR MOUNDS. TWO LARGE BUILDINGS,

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PREVIOUSLY REPORTED UNDER CONSTRUCTION IN THE MISSILE HANDLING AREA, NOW APPEAR TO BE EXTERNALLY COMPLETE. AT LEAST 2 BUILDINGS ARE LOCATED IN A POSSIBLE SUPPORT AREA NORTH OF LAUNCH SITE A. THE COMPLEX IS PARTIALLY SECURED BY A DOUBLE FENCE. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

25X1D



25X1A

KOSTROMA PROB LONG RANGE SAM LCH CPLX      UR 5813N 04138E

ACTIVITY AT THE LAUNCH SITES APPEARS TO BE CONCENTRATED AT SITES A AND C WHERE SNOW HAS BEEN REMOVED FROM ALL LAUNCH POSITIONS. A PROBABLE TANK HAS BEEN OR IS BEING BURIED ADJACENT TO THE SITE B CONTROL CENTER ACCESS ROAD. A LARGE SWATH HAS BEEN CUT IN THE TREES BETWEEN LAUNCH SITES A AND C AND THE TRACKING/GUIDANCE FACILITY. ALL TREES HAVE BEEN CLEARED AT THE TRACKING/GUIDANCE FACILITY. THE RADAR MOUNDS APPEAR COMPLETE AND THE CENTRAL CONTROL REVETMENT IS PARTIALLY COMPLETE.

THE AREA BEHIND THE LAUNCH SITES WHICH CONTAINS THE MISSILE-HANDLING AND SUPPORT AREAS IS DOUBLY SECURED WHILE THE LAUNCH SITES AND THE TRACKING/GUIDANCE FACILITY ARE SINGLY FENCED. TWO PROBABLE DRIVE-THROUGH BUILDINGS IN THE MISSILE-HANDLING AREA ARE PARTIALLY COMPLETE. ONE BUILDING FOUNDATION IS DISCERNIBLE IN A NEW AREA OF CONSTRUCTION ADJACENT TO THE MISSILE HANDLING AREA.

WEATHER CONDITIONS PRECLUDE IDENTIFICATION OF MISSILE-RELATED EQUIPMENT.

25X1D



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**Air  
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25X1A

AIR FACILITIES

SIAULIAI AIRFIELD

UR 5553N 02323E

OB -- 13 BISON/BEAR, 2 BADGER, AT LEAST 45 SMALL  
SWEPT/DELTA-WING, AND 7 LIGHT STRAIGHT-WING.

NO CHANGE OBSERVED IN MISSILE STORAGE FACILITIES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

HSI-AN AIRFRAME PLANT YEN-LIANG AIRFIELD CH 3438N 10913E

OB -- 4 SMALL PROBABLE AIRCRAFT.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

25X1D

AN-SHUN AIRFIELD

CH 2615N 10552E

THE RUNWAY AND TAXIWAY ARE IN EARLY STAGES OF  
CONSTRUCTION. GRADING NOW APPEARS TO BE APPROXIMATELY  
10,000 FT LONG. AT LEAST 100 SUPPORT BUILDINGS AND AT  
LEAST 10 VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

25X1D

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AN ASTERISK (\*) IN THE FINAL COLUMN DESIGNATES A TARGET THAT IS IDENTIFICATION ONLY.

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	VERKHNYAYA SALDA ICBM COMPLEX	UR 5802N 06024E 1
	TYURATAM MISSILE TEST CENTER	UR 4538N 06317E 1
	SVOBODNYY ICBM COMPLEX	UR 5146N 12806E 2
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	ITATKA ICBM COMPLEX	UR 5650N 08535E 1
	SHADRINSK ICBM COMPLEX	UR 5607N 06339E 1
	PERM ICBM COMPLEX	UR 5742N 05619E 1
	TEYKOVO ICBM COMPLEX	UR 5652N 04034E 2
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